

JUNE

at the

CALIFORNIA ACADEMY OF SCIENCES

JUNE MEETING

Date: Wednesday, June 13, 8:15 p.m.

Place: Morrison Auditorium

Subject: "NANOOK OF THE NORTH"

Robert J. Flaherty's first and probably most famous documentary film has also been called his greatest by many critics. This black-and-white motion picture is a compelling report on the "unchanging nature and hardships of this species of primitive man, the Eskimo" (Bosley Crowther, N. Y. Times).

The music for this version of the film has been scored for full orchestra using the themes of many original Eskimo songs. "Classic" and "epic" are other words used by reviewers to describe a truly distinguished documentary.

MORRISON PLANETARIUM

"THE PLANETARIUM ON PARADE", one of the all-time favorite astronomy shows ever presented in San Francisco's Theatre of the Stars, continues through July 1. This is the show in which audiences are "let in" on the mechanical marvels of the planetarium projector. Adults, 75¢, Juniors, 40¢.

Performances:

Monday Closed

Tuesday 3:30 p.m. only

Wed, Thurs, Fri 3:30 & 8:30 p.m.

Sat, Sun 2:00, 3:30 & 8:30 p.m.

Coming July 3: "THE MOON: MAN'S GREAT ADVENTURE!", Morrison Planetarium's summer spectacular.

SPECIAL EXHIBITS

EXHIBIT OF THE MONTH: "Shark's Jaws" from the Academy collections. Main Foyer, Science Museum.

"WATER LIFE DESIGN", color transparencies of invertebrate marine animals by Robert Ames, and water colors of fish by Toshio Asaeda, in Lovell White Hall of Man and Nature. Through August 31.

"GLEN CANYON", 18 color enlargements by Eliot Porter. Also in Lovell White Hall.

"GRAZIOTTI ON POLYHEDRA", models, charts, tempera renderings, by Ugo Adriano Graziotti. Astronomy Hall through June 30.

"SCIENCE IN ACTION"

Monday night, 7:00 p.m., KRON-TV, Channel 4

June 4: "Blood Fractioning", with Guest Scientist Robert Pennell, Harvard University School of Medicine.

"Science in Action" will return to the air on September 10.

NEWS and NOTES

Representing the Academy at the XIIIth International Ornithological Congress being held at Cornell University, Ithaca, New York June 17-24, will be Dr. Robert T. Orr, Curator of Birds and Mammals. Immediately prior, Dr. Orr will attend the annual meeting of the American Society of Mammalogists at Middlebury College, Vermont. He will present papers at both meetings.

Dr. Orr is past president of the latter organization.

Several hundred specimens of shells collected on the island of Guam by the late Charles C. Blake have been added to the Academy collections through the generosity of his widow, Mrs. Blake, of Daly City.

Mr. Philip W. Tompkins, a long-time and generous friend of the CAS, has presented the J. W. Mailliard, Jr. Library with a collection of 3,059 color slides taken by him over a period of 25 years. The extensive collection, divided into 20 photographic groups and housed in 44 slide boxes, is devoted to national parks and other places of great scenic beauty in the western United States. Mr. Tompkins is a Patron and Life Member of the Academy.

Dr. Richard Shutler, Jr., Curator of Archaeology and Ethnology at the Nevada State Museum, was a recent visitor to the Department of Ichthyology to discuss pending projects of joint interest to that Museum and the CAS.

Visitors to the Botany Department were Dr. and Mrs. Philip A. Munz, retired Director of the Rancho Santa Ana Botanic Garden, Claremont, California. Dr. Munz is a Fellow and Life Member of the Academy. He and Mrs. Munz recently returned from a trip around the world.

Benjamin Draper, Executive Producer of "Science in Action", spent four weeks of travel in various parts of Great Britain and returned the first week of May with reasonable assurance that "S in A" will be seen on British television this fall. (The program has been recently renewed in Hong Kong for the second year).

While abroad, Mr. Draper did research at Plymouth and in London for a special telecast on Sir Francis Drake, a future program to be produced jointly by the CAS and by British television.

In her capacity as President of the organization, Dr. Elizabeth McClintock, Associate Curator of Botany, attended the annual meeting of the American Association of Botanical Gardens and Arboretums held in Wooster, Ohio.

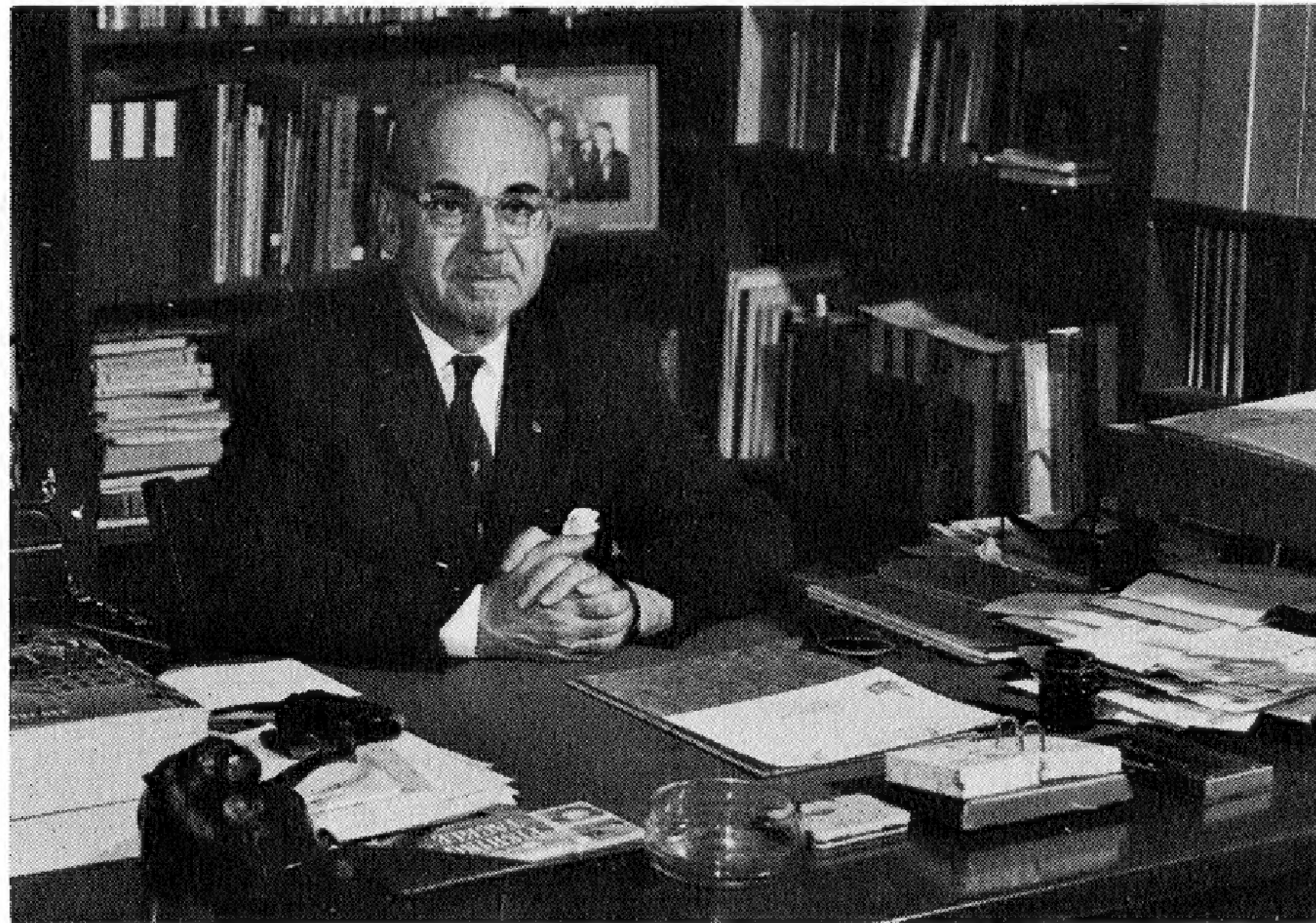
Currently, the Department of Exhibits is devoting its efforts to the permanent installations soon to be established in Astronomy Hall and adding to those already completed for the Alice Eastwood Hall of Botany.

By the end of August, Mearl Carson, Curator of the Department, and his staff, hope to have displays finished on (1) Comets, (2) Meteorites, (3) Our Galaxy, and (4) color transparencies of various celestial objects photographed through the 200" telescope at Mt. Palomar Observatory. For the Hall of Botany, construction is under way on a series of seven cases which will make up the imposing front section and be devoted to "An Introduction to the Plant Kingdom".

Three personnel changes have occurred in the Steinhart Aquarium staff: David C. Powell, formerly of Marineland of the Pacific, Los Angeles, has been appointed Assistant Curator of Aquatic Biology, the position formerly held by Donald A. Simpson, recently retired; Tom Green has been promoted to the position of Senior Aquarist; and Fred Jennè has received a permanent appointment as Aquarist.

Now that you have finished reading this particular copy of the NEWSLETTER, why not pass it on to a friend who might be interested in the Academy's activities or who might enjoy becoming a member? Inquiries about membership should be addressed to Dr. Robert C. Miller, Director, California Academy of Sciences, Golden Gate Park, San Francisco 18. Any such communications would be more than welcome.

Meet the Staff



ANATOLE S. LOUKASHKIN, Research Biologist at the Academy, was born in Liaoyang, Manchuria, China, and received his education at the College of Mines, Tchita, Siberia, and at the College of Oriental and Commercial Sciences and the Harbin Medical School in Harbin, Manchuria. As Chief Curator of the Harbin Museum of Natural History, he had been in correspondence with members of the Academy many years before his emigration to the United States in 1941.

"My wife, two daughters and I were most fortunate", he commented, "for I received the last visa of the one hundred allotted China-born Caucasians just prior to the outbreak of World War II." On arriving in the U. S. and San Francisco, the Academy became his professional home.

Before departing Asia, Mr. Loukashkin's primary interest had been the birds and mammals of Manchuria and he had written and collected extensively in this field. A lesser interest but one which would one day hold him in good stead was the fresh-water fishes and native fisheries of Manchuria. His high degree of adaptability made it possible for him to enter a related area of research at the CAS, and in the intervening years, he has made a wide reputation for himself as a fish behaviorist. His research at the Academy has been made possible by the California Cooperative Oceanic Fisheries Investigations.

His most recently completed research has been on the influence of ultraviolet and infrared radiation upon the schooling behavior of the Northern Anchovy. Currently, he is engrossed in preparation for the experimental studies of directional swimming of sardines and anchovies in vertical electrical fields. Similar studies of these fish in horizontal electrical fields have already been published.

Generously, he has made the Academy a gift of his Manchurian collections of birds and mammals as well as his extensive library of pertinent books and documents.

A particular extra-Academy interest is the San Francisco Museum of Russian Culture of which he is Director and President of the Board of Governors. He and his wife, Eva, are the proud grandparents of three lively grandchildren.

NEW MEMBERS OF THE ACADEMY

Regular Membership

Dr. Billie D. Bichacoff	Miss Róberta Lumb
Dr. R. A. Boolootian	Dr. P. J. Melnick
Mr. E. W. Bullard, Jr.	Miss Harriett Mundy
Mr. Walter E. Carr, Jr.	Miss Marjorie M. Nelson
Mr. Theodore H. Chenoweth	Mr. Marion L. Patterson
Mr. Robert C. Dorion	Mr. Stanley R. Puryear
Mr. Noborn Endow	Mr. David L. Reeves
Mr. Ted W. Galbraith	San Francisco Gem & Mineral Soc.
Mr. George L. Gary	Mr. Ernest L. Schlage
Mr. John R. Goldsmith	Mr. Emil Schwarz
Mr. E. F. Goodner	Mr. D. Z. Silver
Mr. William B. Graham	Dr. Edward K. Strong
Dr. Jack Green	Mr. John E. Tyler
Mr. William J. Hamilton, III	Mr. Arthur C. Volk
Mr. Gerry J. Hill	Dr. Ira O. Wallin
Dr. Gerald A. Huestis	Miss Mary E. Wood
Dr. George A. Zentmyer	

Family Membership

Dr. Frank W. Blaisdell	Mr. David O'Neill
Mr. James Butler	Mr. Russell Pennelly
Dr. & Mrs. R. M. Featherstone	Mr. William K. Popham
Mr. Thomas Gatton	Miss Catherine Skotvold
Mr. David J. Green	Dr. Joshua L. Soske, Sr.
Mr. Walter H. Kohl	Mr. Earl Thollander
Miss Trudy Noller	Miss Edna Mae Vance
Mr. Stephen Welch	

Contributing Membership

Mr. Peter Luykx

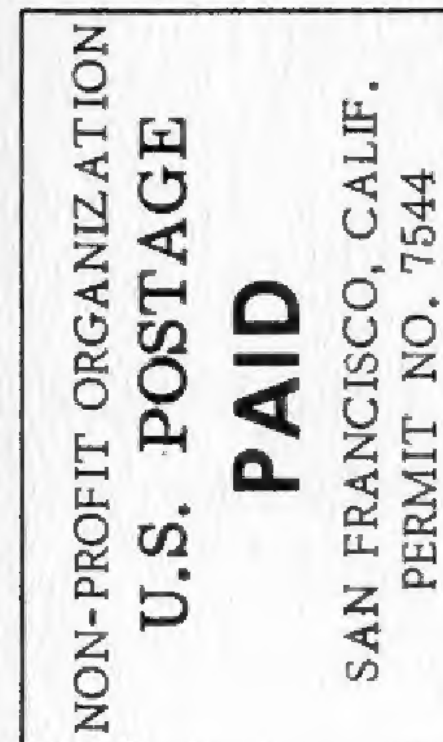
Student Membership

Jonathan Donahue	Peter Locatelli
Daniel Dragos	George Ushanoff

THE CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK
SAN FRANCISCO 18

Open every day of the year
10:00 a.m. to 5:00 p.m.

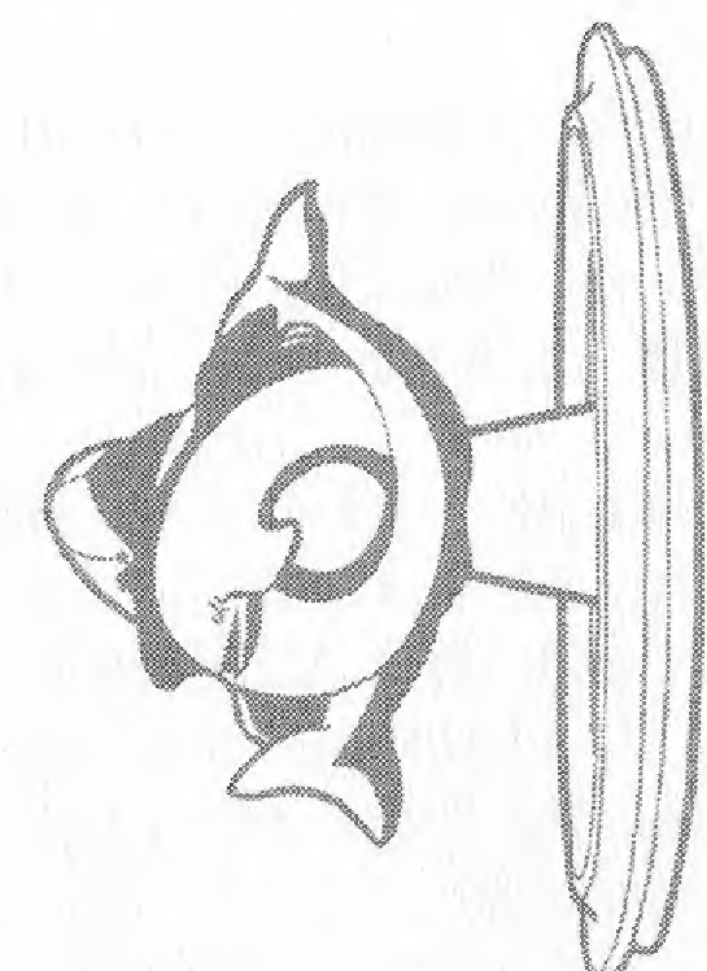
Admission Free



Ref.
Q 11
C22
no. 270



Academy
NEWSLETTER



Published Monthly by

THE CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK
SAN FRANCISCO 18

June, 1962

No. 270